

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
 Data File : BG045103.D
 Acq On : 20 Apr 2020 19:43
 Operator : CG/JU
 Sample : L2346-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-4

Quant Time: Apr 21 05:29:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 11:57:28 2020
 Response via : Initial Calibration

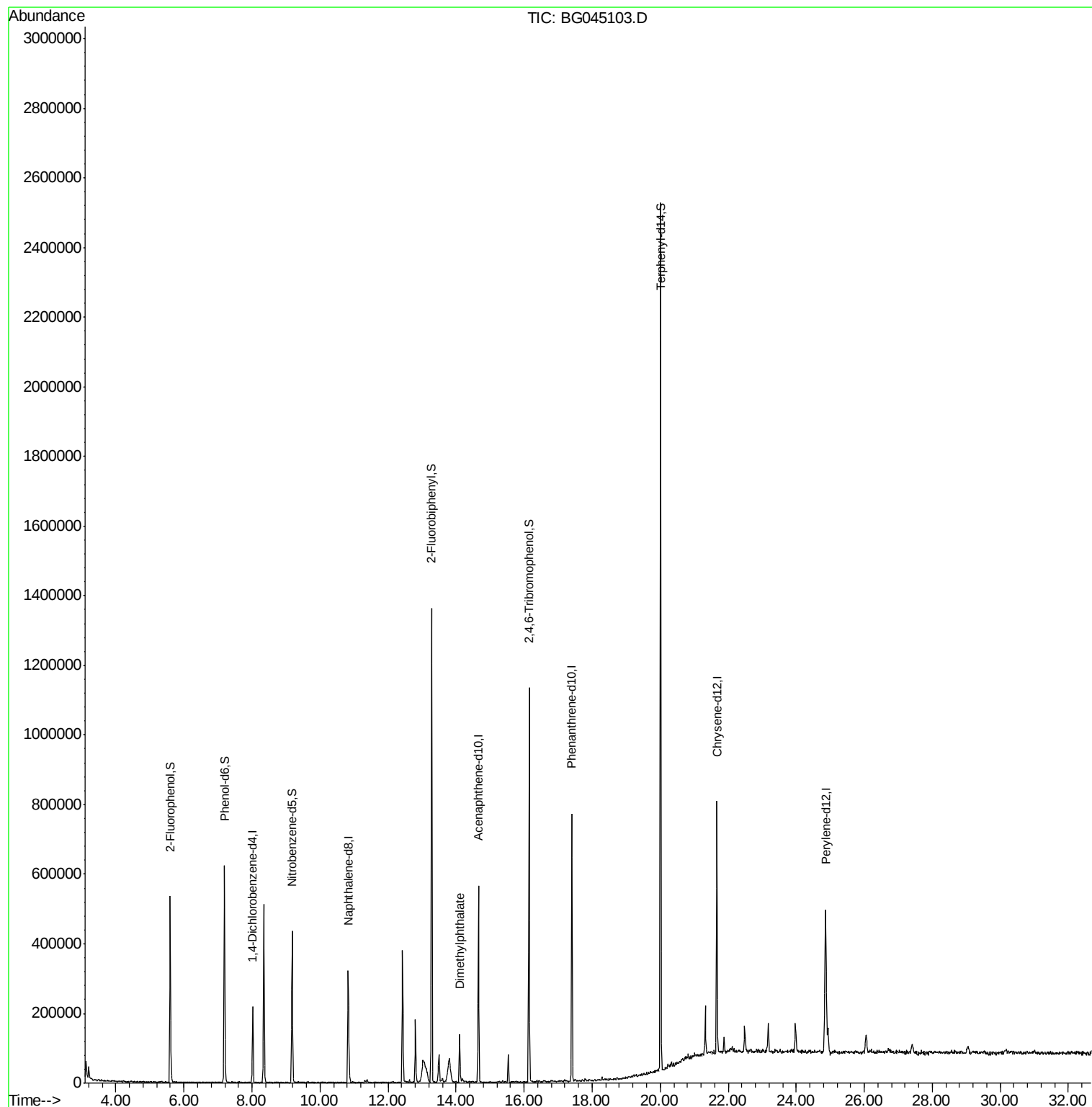
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	67996	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	293920	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	214974	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	496238	20.00	ng	0.00
76) Chrysene-d12	21.67	240	452525	20.00	ng	0.00
87) Perylene-d12	24.86	264	481043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	269065	65.33	ng	0.00
7) Phenol-d6	7.19	99	420014	68.64	ng	-0.01
23) Nitrobenzene-d5	9.18	82	299602	46.51	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	236759	71.29	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	724437	49.41	ng	0.00
79) Terphenyl-d14	20.01	244	1188216	57.23	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	95124	5.434	ng	Qvalue 97

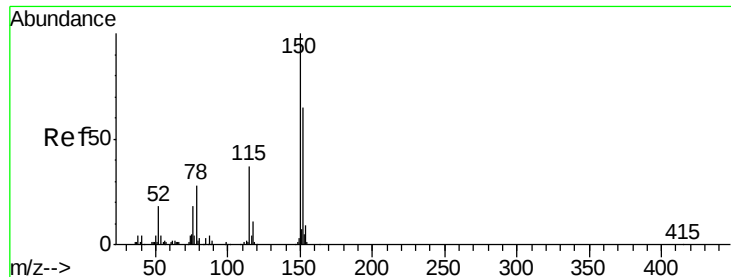
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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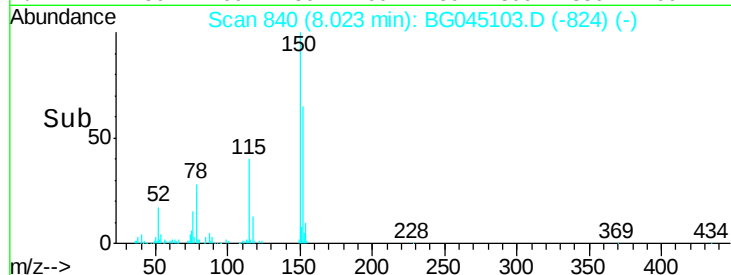
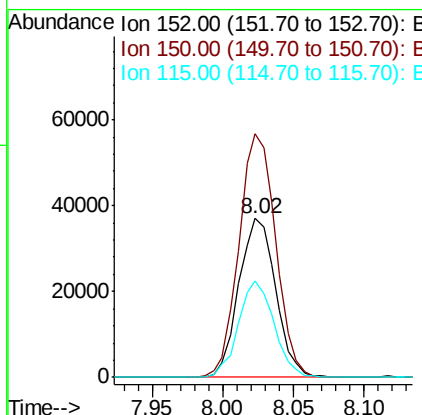
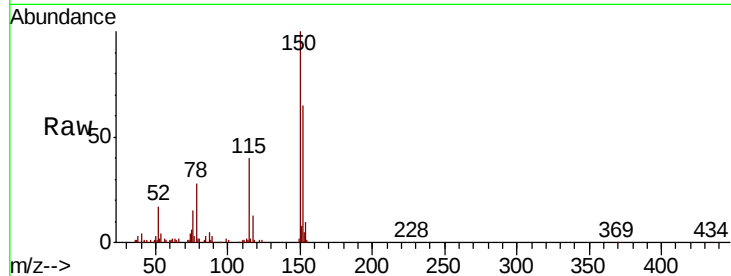


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BG045103.D
 Acq: 20 Apr 2020 19:43

Instrument :
 BNA_G
 ClientSampleId :
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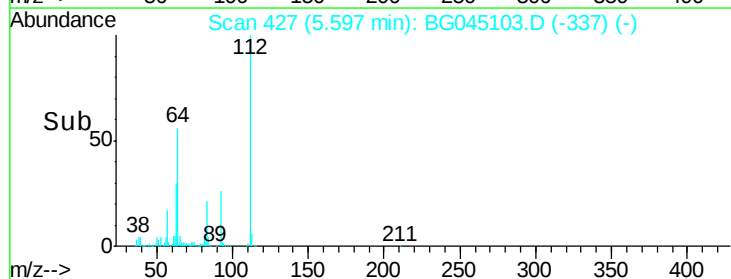
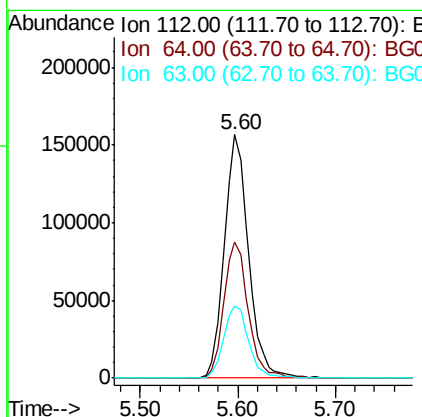
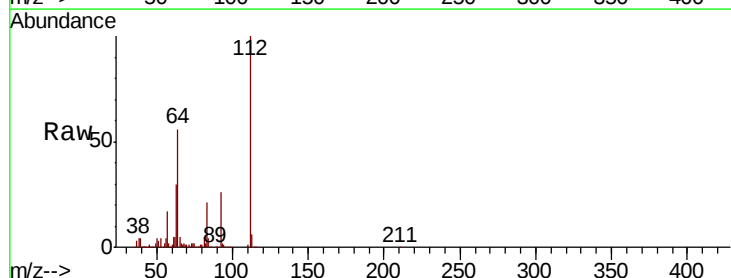
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.6	185.4
115	60.7	49.1	73.7

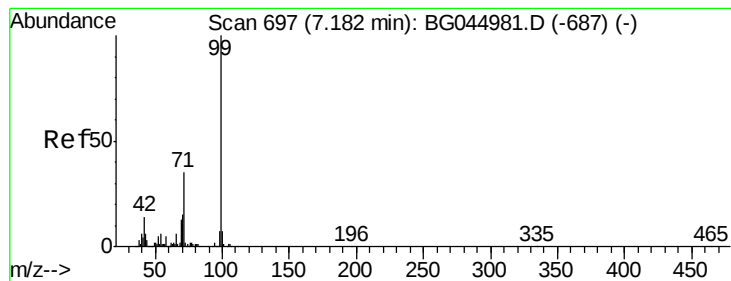


#5

2-Fluorophenol
 Concen: 65.329 ng
 RT: 5.60 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BG045103.D
 Acq: 20 Apr 2020 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	42.4	63.6
63	29.7	23.1	34.7





#7

Phenol-d6

Concen: 68.638 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045103.D

Acq: 20 Apr 2020 19:43

Instrument :

BNA_G

ClientSampleId :

S-4

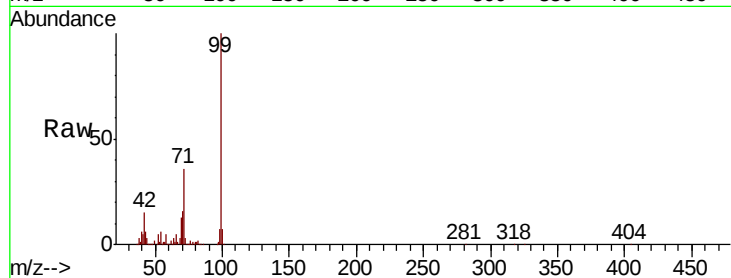
Tot Ion: 99 Resp: 420014

Ion Ratio Lower Upper

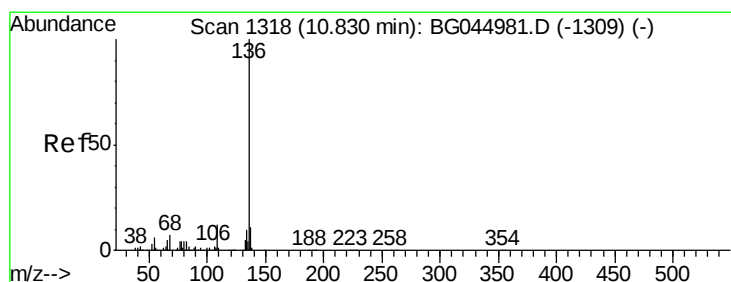
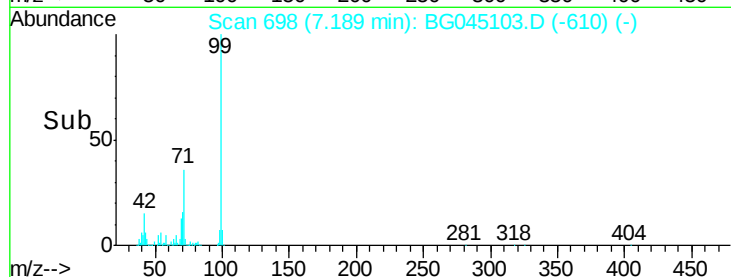
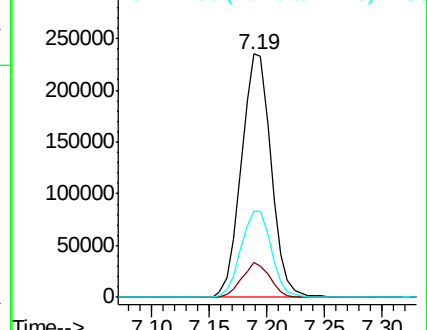
99 100

42 14.6 11.3 16.9

71 35.6 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG045103.D

Acq: 20 Apr 2020 19:43

Tgt Ion: 136 Resp: 293920

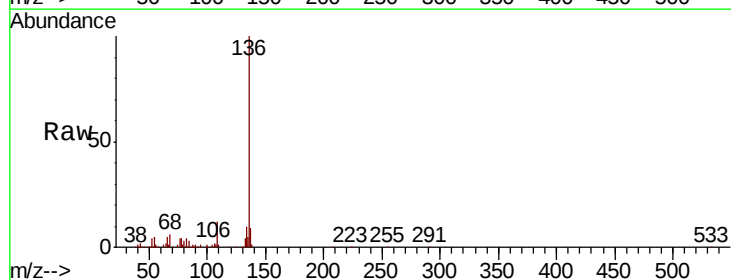
Ion Ratio Lower Upper

136 100

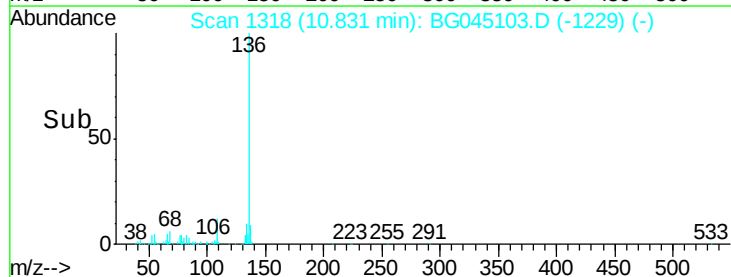
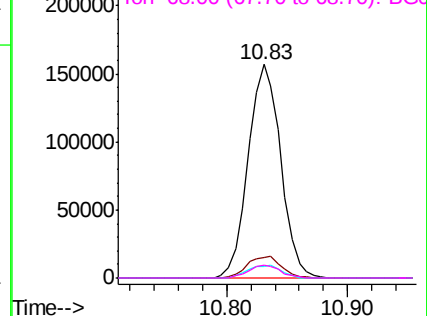
137 9.5 8.6 13.0

54 5.3 4.8 7.2

68 6.0 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

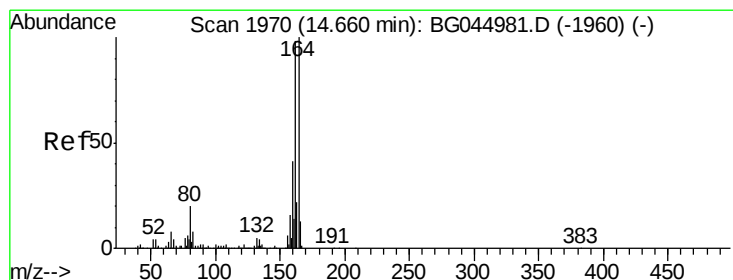
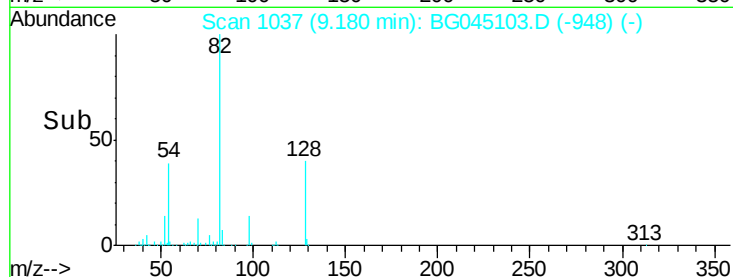
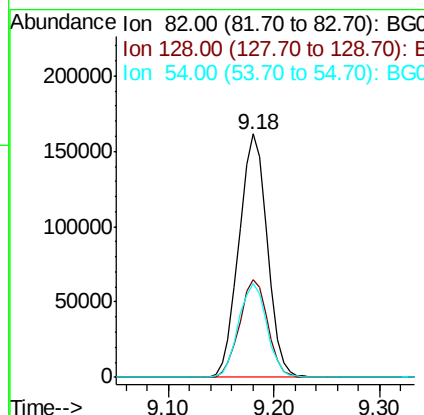
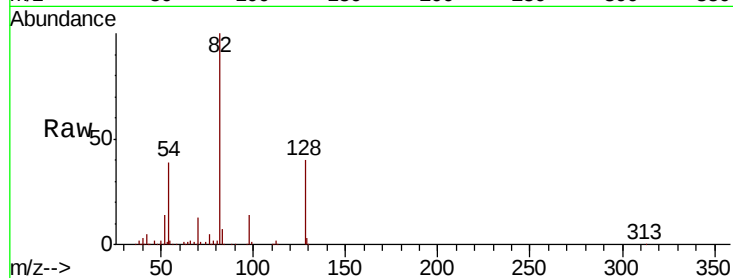




#23
 Nitrobenzene-d5
 Concen: 46.511 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG045103.D
 Acq: 20 Apr 2020 19:43

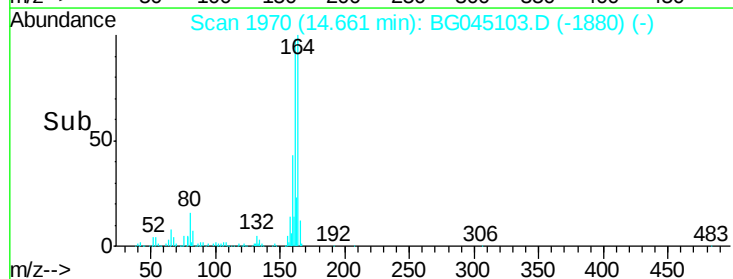
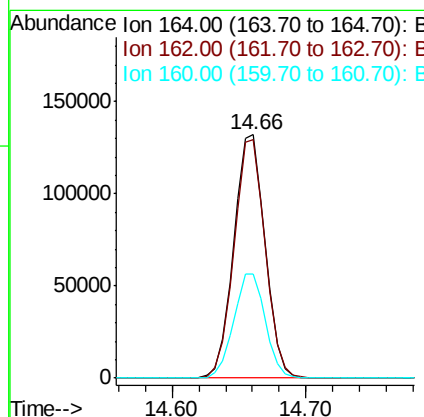
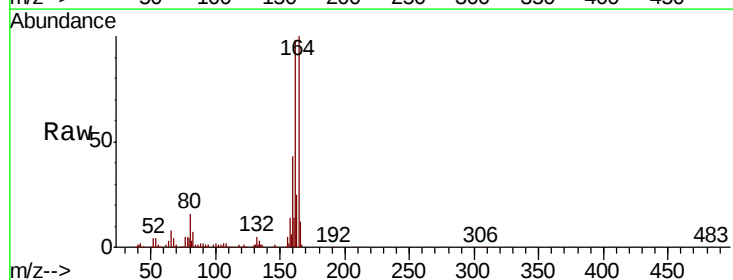
Instrument :
 BNA_G
 ClientSampled :
 S-4

Tot Ion	82	Resp	299602
Ion Ratio	Lower	Upper	
82	100		
128	40.2	33.0	49.4
54	38.6	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045103.D
 Acq: 20 Apr 2020 19:43

Tgt Ion	164	Resp	214974
Ion Ratio	Lower	Upper	
164	100		
162	98.1	78.7	118.1
160	42.9	32.8	49.2

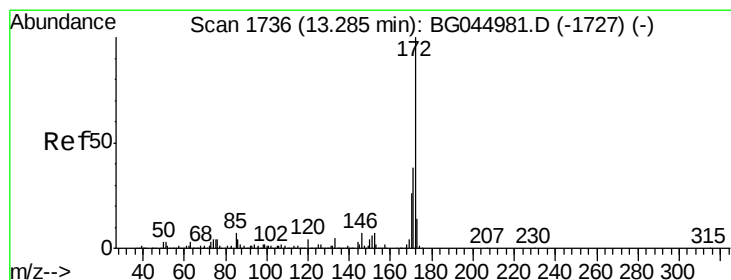
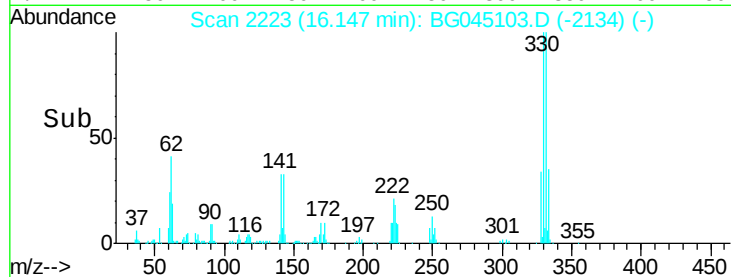
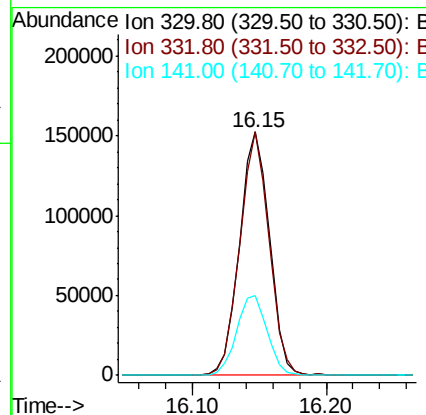
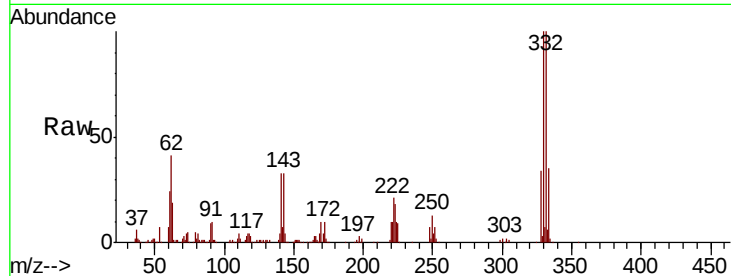




#42
 2,4,6-Tribromophenol
 Concen: 71.290 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG045103.D
 Acq: 20 Apr 2020 19:43

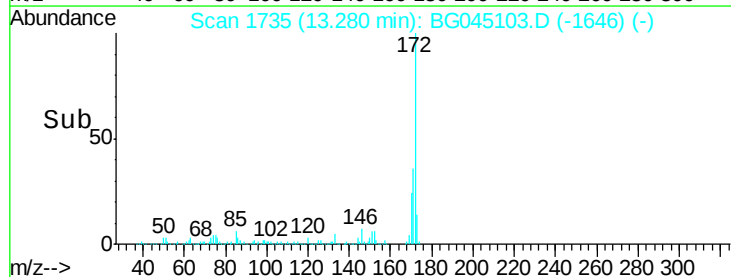
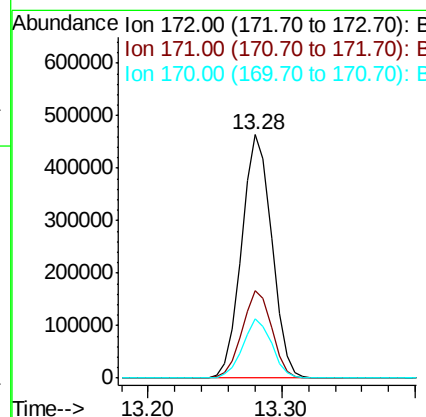
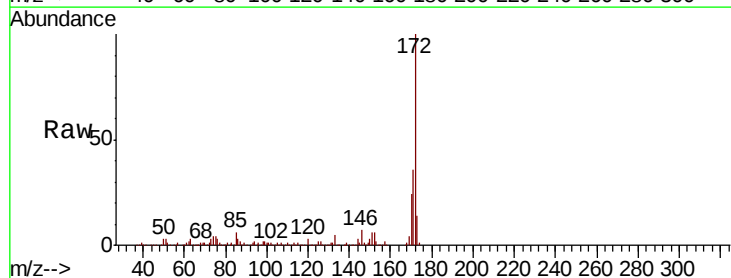
Instrument :
 BNA_G
 ClientSampleId :
 S-4

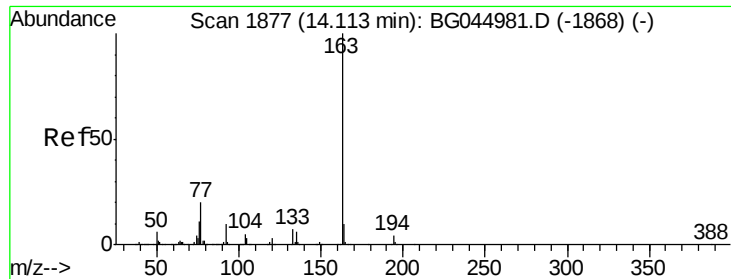
Tot Ion:	330	Resp:	236759
Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.1	118.7
141	33.8	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 49.413 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG045103.D
 Acq: 20 Apr 2020 19:43

Tgt Ion:	172	Resp:	724437
Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.6	46.0
170	24.1	20.5	30.7

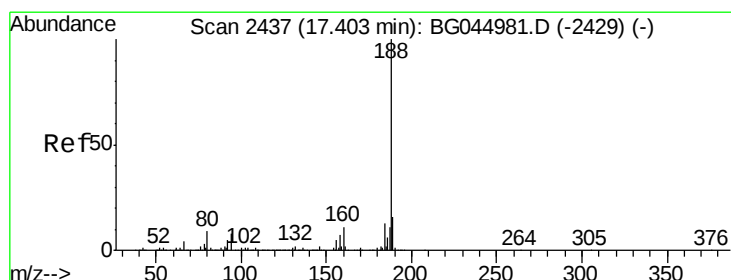
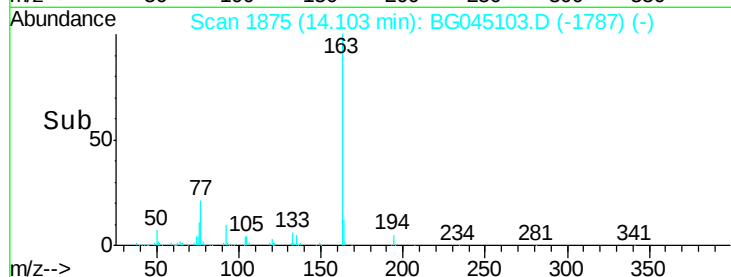
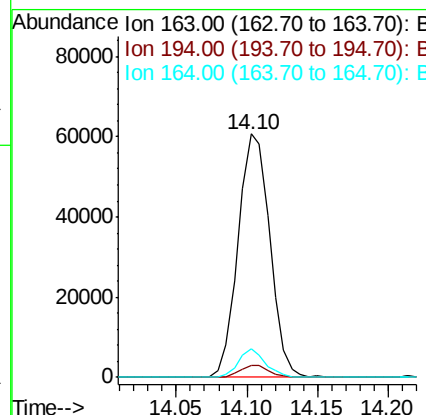
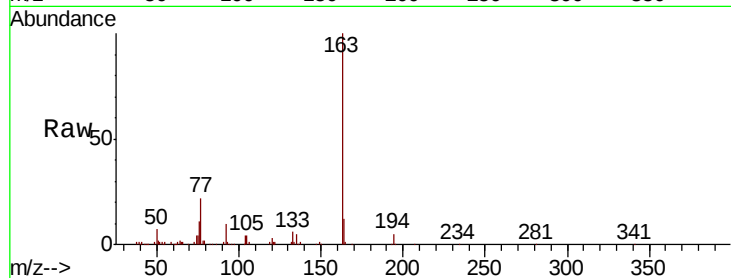




#50
Dimethylphthalate
Concen: 5.434 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

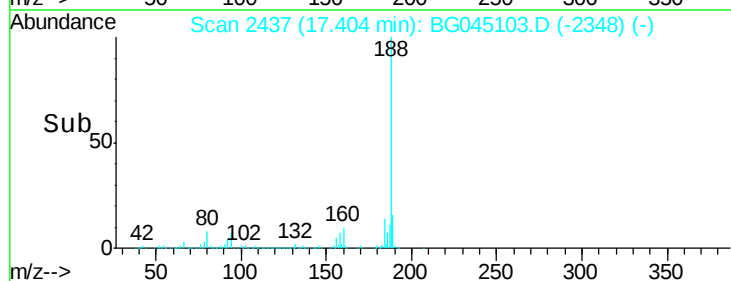
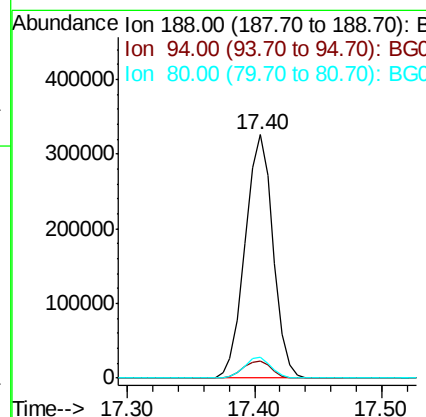
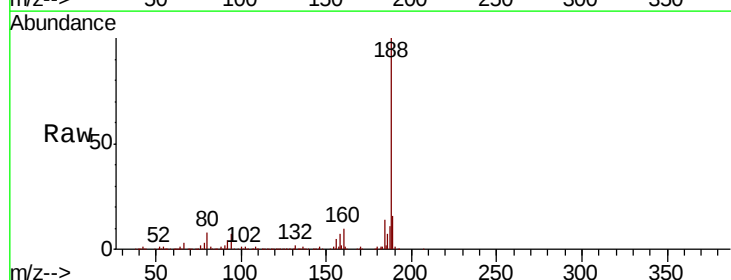
Instrument :
BNA_G
ClientSampleId :
S-4

Tot Ion	163	Resp	95124
Ion Ratio	100		
Lower		3.5	
Upper		5.3	
194	4.8		
164	11.5	8.2	12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Tgt Ion	188	Resp	496238
Ion Ratio	100		
Lower		6.2	
Upper		9.4	
94	6.8		
80	8.4	7.0	10.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG045103.D

Acq: 20 Apr 2020 19:43

Instrument :

BNA_G

ClientSampleId :

S-4

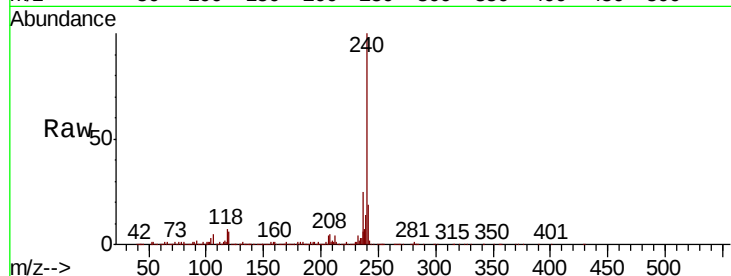
Tot Ion:240 Resp: 452525

Ion Ratio Lower Upper

240 100

120 6.3 6.6 10.0#

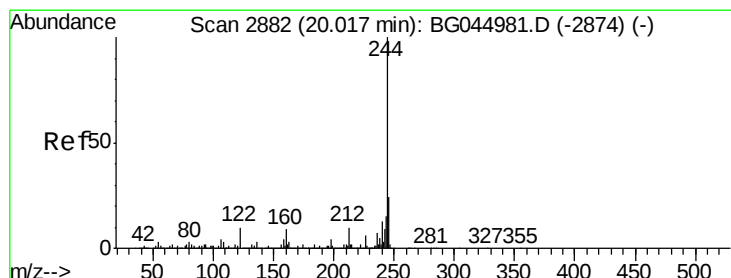
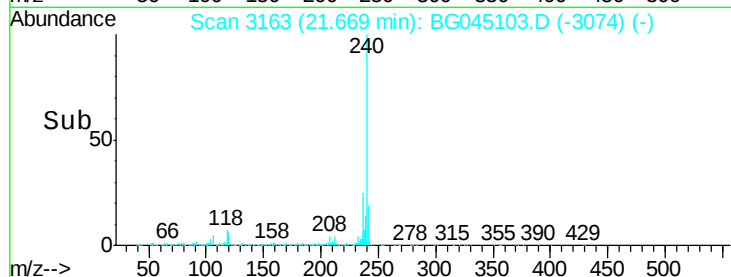
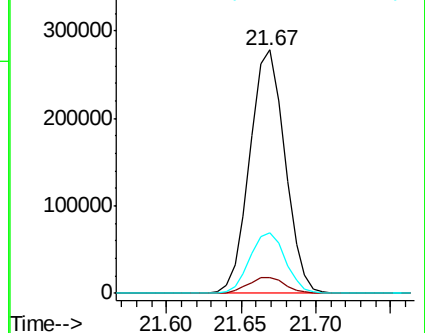
236 24.7 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 57.230 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG045103.D

Acq: 20 Apr 2020 19:43

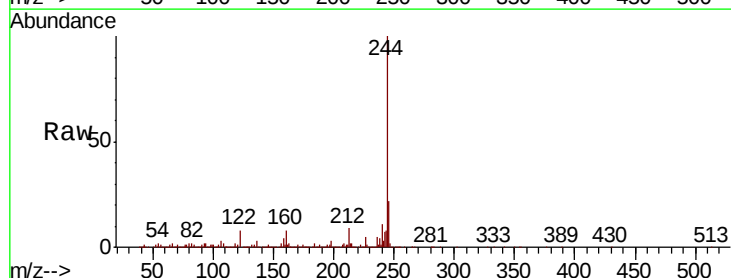
Tgt Ion:244 Resp: 1188216

Ion Ratio Lower Upper

244 100

212 8.6 7.9 11.9

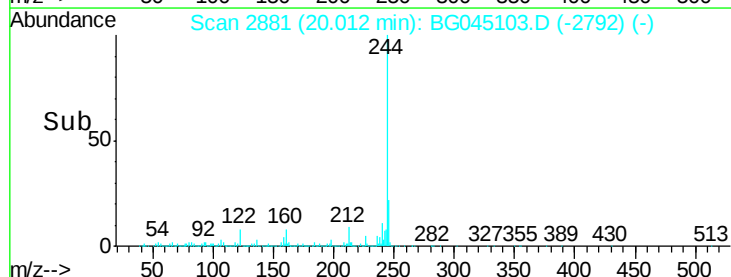
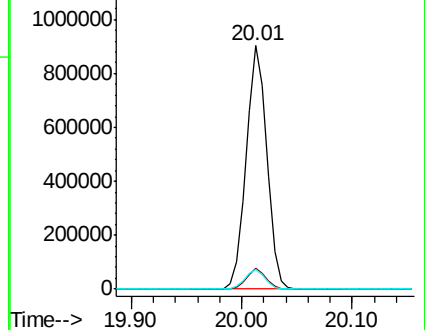
122 8.1 7.7 11.5

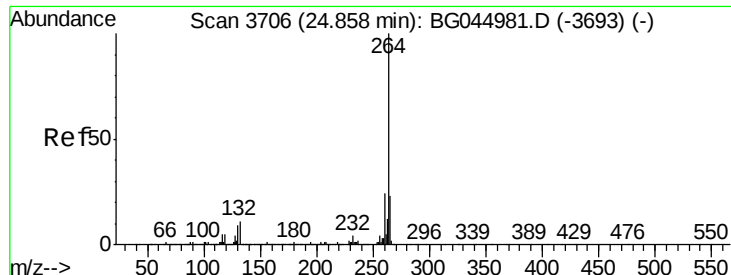


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG045103.D
Acq: 20 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.4	19.0	28.4

